FSR-FP 40°C

FREEZE STOP REGULAR - Frost Protection

Electrical heating cable for freeze protection or temperature maintenance.

Self-Regulating Heating Cable

- Automatically adjusts heat output in response to increasing or decreasing pipe temperature.
- Can be cut-to-length.
- Inherently temperature safe.
- Available up to 277V AC/DC.
- Full range of controls and accessories available.

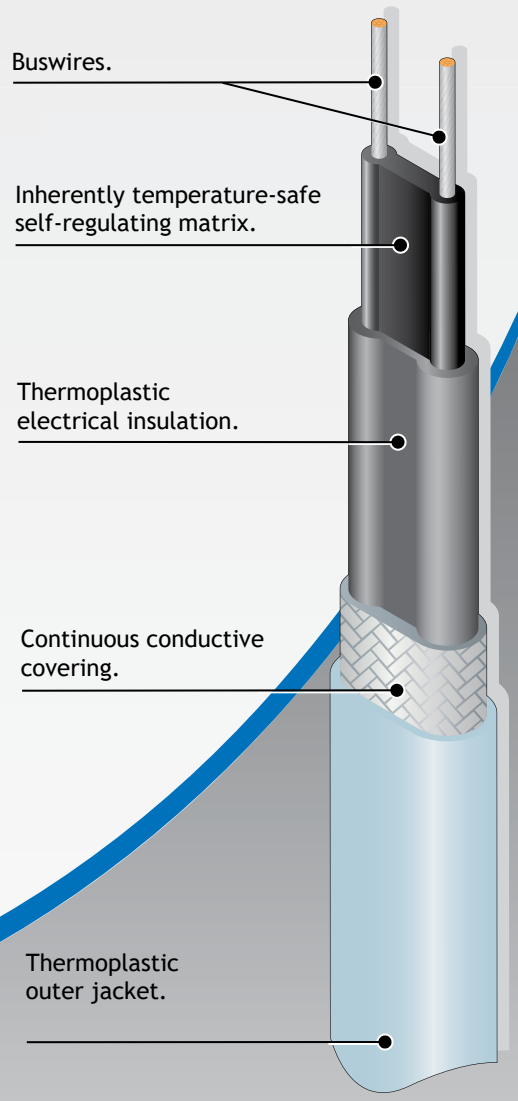
DESCRIPTION

FREEZSTOP REGULAR is a safe area, self-regulating heating cable that can be used for freeze protection or temperature maintenance to 30°C.

It can be cut-to-length on site and exact piping lengths can be matched without any complicated design considerations.

Its self-regulating characteristics improve safety and reliability. FREEZSTOP REGULAR will not overheat or burnout, even when overlapped upon itself. Its power output is self-regulated in response to the pipe temperature.

The installation of FREEZSTOP REGULAR is quick and simple and requires no special skills or tools. Termination, splicing and power connection components are all provided in convenient kits.



CE 2776

HEAT TRACE

The Heat Tracing Authority™

SRDS0125 (12062025) Issue 0

SPECIFICATION

MAXIMUM CONTINUOUS EXPOSURE TEMPERATURE (Power ON):	40°C† (104°F)
MAXIMUM PERMISSABLE EXPOSURE TEMPERATURE (Power OFF):	40°C† (104°F)
MINIMUM OPERATING TEMPERATURE:	-40°C (-40°F)
MINIMUM INSTALLATION TEMPERATURE:	-40°C (-40°F)
POWER SUPPLY:	12 - 277V AC/DC

WEIGHTS & DIMENSIONS:

Type Gland Ref	Dimensions (mm) +/-0.5	Weight kg/100m	Min Bend radius	Size
FSR..CT	12.95 x 5.95	12.9	35mm	M20

ORDERING INFORMATION:

Example: **17 FSR 2 - C T -FP**

- 17 — Output 17W/m at 10°C
- FSR — FREEZSTOP REGULAR
- 2 — Supply Voltage 220 - 277V AC/DC
- C — Metal Braid
- T — Thermoplastic Outerjacket
- FP — Frost Protection

FURTHER INFORMATION:

Please consult the appropriate termination instructions and the Heat Trace Design, Installation & Maintenance Manual (HTDIMM 010) for further details.

MAXIMUM LENGTH (m) vs. CIRCUIT BREAKER SIZE:

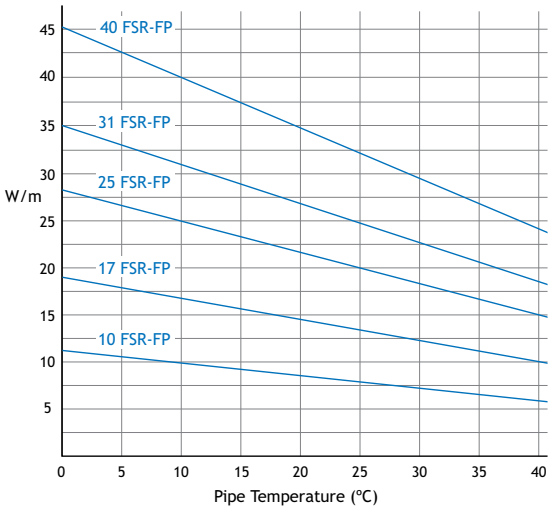
The following circuit details relate specifically to the trace heating of pipework and equipment. For any other application consult Heat Trace.

Cat Reference	Start-up Temperature	230V 10A	16A	20A	32A
10FSR	10°C	136	198	198	198
	0°C	122	188	188	188
	-20°C	108	174	176	176
	-40°C	96	154	166	166
17FSR	10°C	92	148	152	152
	0°C	84	134	144	144
	-20°C	74	118	136	136
	-40°C	66	106	128	128
25FSR	10°C	74	118	124	124
	0°C	68	108	120	120
	-20°C	60	94	112	112
	-40°C	52	84	106	106
31FSR	10°C	58	92	112	112
	0°C	52	84	104	106
	-20°C	46	74	92	100
	-40°C	42	66	82	94
40FSR	10°C	46	74	92	98
	0°C	42	66	84	94
	-20°C	36	58	74	88
	-40°C	32	52	66	84

Residential buildings	Commercial buildings	Industry and Infrastructure
MCB's certified IEC 60898-1	MCB's certified according both IEC 60898-1 & IEC 60947-2	

THERMAL RATINGS:

Nominal output at 115V or 230V when FSR is installed on thermally insulated carbon steel pipes.



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